

FIG. 1

i-Al _{0.20} Ga _{0.80} As	39.5nm	13
n-In _{0.483} Ga _{0.517} P	6nm 4E18/cm ³	12
i-Al _{0.20} Ga _{0.80} As	3nm	11
i-GaAs	5.5nm	10
i-In _{0.30} Ga _{0.70} As	7.5nm	9
i-GaAs	5.5nm	8
i-Al _{0.20} Ga _{0.80} As	3nm	7
n-Al _{0.20} Ga _{0.80} As	4nm 3E18/cm ³	6
i-Al _{0.20} Ga _{0.80} As	200nm	5
i-GaAs	250nm	4
i-Al _{0.25} Ga _{0.75} As	250nm	3
i-GaAs	200nm	2
GaAs	SUBSTRATE	1

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FIG.2

i-Al _{0.20} Ga _{0.80} As	39.5nm	33
n-In _{0.483} Ga _{0.517} P	6nm 4E18/cm ³	32
i-In _{0.483} Ga _{0.517} P	3nm	31
i-GaAs	5.5nm	30
i-In _{0.30} Ga _{0.70} As	7.5nm	29
i-GaAs	5.5nm	28
i-Al _{0.20} Ga _{0.80} As	3nm	27
n-Al _{0.20} Ga _{0.80} As	4nm 3E18/cm ³	26
i-Al _{0.20} Ga _{0.80} As	200nm	25
i-GaAs	250nm	24
i-Al _{0.25} Ga _{0.75} As	250nm	23
i-GaAs	200nm	22
GaAs	SUBSTRATE	21

FIG.3

i-Al _{0.20} Ga _{0.80} As	39.5nm	53
n-In _{0.483} Ga _{0.517} P	6nm 4E18/cm ³	52
i-In _{0.483} Ga _{0.517} P	3nm	51
i-GaAs	5.5nm	50
i-In _{0.30} Ga _{0.70} As	7.5nm	49
i-GaAs	5.5nm	48
i-In _{0.483} Ga _{0.517} P	3nm	47
n-In _{0.483} Ga _{0.517} P	4nm 3E18/cm ³	46
i-Al _{0.20} Ga _{0.80} As	200nm	45
i-GaAs	250nm	44
i-Al _{0.25} Ga _{0.75} As	250nm	43
i-GaAs	200nm	42
GaAs	SUBSTRATE	41

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FIG.4

i-Al _{0.20} Ga _{0.80} As 39.5nm	73
n-In _{0.483} Ga _{0.517} P 6nm 4E18/cm ³	72
i-Al _{0.20} Ga _{0.80} As 3nm	71
i-GaAs 2nm	70
i-In _{0.19} Ga _{0.81} As 14nm	69
i-GaAs 2nm	68
i-Al _{0.20} Ga _{0.80} As 3nm	67
n-Al _{0.20} Ga _{0.80} As 4nm 3E18/cm ³	66
i-Al _{0.20} Ga _{0.80} As 200nm	65
i-GaAs 250nm	64
i-Al _{0.25} Ga _{0.75} As 250nm	63
i-GaAs 200nm	62
GaAs SUBSTRATE	61

FIG.5

i-Al _{0.20} Ga _{0.80} As	39.5nm	93
n-In _{0.483} Ga _{0.517} P	6nm 4E18/cm ³	92
i-In _{0.483} Ga _{0.517} P	3nm	91
i-GaAs	2nm	90
i-In _{0.19} Ga _{0.81} As	14nm	89
i-GaAs	2nm	88
i-Al _{0.20} Ga _{0.80} As	3nm	87
n-Al _{0.20} Ga _{0.80} As	4nm 3E18/cm ³	86
i-Al _{0.20} Ga _{0.80} As	200nm	85
i-GaAs	250nm	84
i-Al _{0.25} Ga _{0.75} As	250nm	83
i-GaAs	200nm	82
GaAs	SUBSTRATE	81

FIG.6

i-Al _{0.20} Ga _{0.80} As	39.5nm	113
n-In _{0.483} Ga _{0.517} P	6nm 4E18/cm ³	112
i-In _{0.483} Ga _{0.517} P	3nm	111
i-GaAs	2nm	110
i-In _{0.19} Ga _{0.81} As	14nm	109
i-GaAs	2nm	108
i-In _{0.483} Ga _{0.517} P	3nm	107
n-In _{0.483} Ga _{0.517} P	4nm 3E18/cm ³	106
i-Al _{0.20} Ga _{0.80} As	200nm	105
i-GaAs	250nm	104
i-Al _{0.25} Ga _{0.75} As	250nm	103
i-GaAs	200nm	102
GaAs	SUBSTRATE	101